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USPAT; EPO; JPO; Derwent; IBM TDB files searched Tuesday, August 29, 2000
          USPAT; EPO; JPO; Derwent; IBM TDB
BRS
                                                   L2
                                                             16515
                                                                        dichroic
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                             72163
BRS
                                                   L3
                                                                        red and blue and green
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                             128687
                                                   L4
                                                                        polariz$
BRS
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                   L5
                                                             47615
                                                                        beamsplit$ or (beam adj2 split$)
BRS
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                                       lcd or (liquid adj crystal adj display)
                                                   L6
                                                             162460
BRS
BRS
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                   L8
                                                             10134
                                                                        L4 adj3 L5
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                   1.9
                                                             3600
BRS
                                                                        L2 and L3
BRS
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                   L10
                                                             364
                                                                       L8 and L9
          USPAT; EPO; JPO; Derwent; IBM TDB
                                                             194
                                                                       L6 AND L10
                                                   L11
BRS
Display of L11
US 5517340 A
                              DERWENT
                                                   High-performance projection display with two light valves - comprises two
                                                                                                                           reflective LCD light valves,
          aligned on two adjacent sides of polarising
                                                     beam splitter cube, illumination arranged on third side of cube, and
                                                                                                                      colour filter wheel to produce sequential
          red, green and blue outputs
US 5886754 A
                              DERWENT
                                                   Colored liquid crystal display (LCD) projector
                              DERWENT
                                                   Optical system of reflection liquid crystal projector for TV - includes
JP 11326834 A
                                                                                                                      reflection type liquid crystals for
                                            rays from polarized light beam splitter
          modulating and reprojecting light
                              DERWENT
                                                   Projection display system for reflective light valves includes light source generating light beam with RGB light
     984637 A2
                                 component is p-polarized and green and blue light components are s-polarized
          components, red light
NN9704201
                              IBM TDB Liquid Crystal Display Three Panel Projector Using Three Primary Colors Light Emitting Diode Light Sources
NN9712165
                              IBM TDB High Brightness Color Liquid Crystal Display Projector
JP 03202846 A
                              JPO
                                         LIQUID CRYSTAL PROJECTOR
JP 06342157 A
                              JPO
                                         LIQUID CRYSTAL PROJECTOR
JP 08054596 A
                              JPO
                                         LIQUID CRYSTAL PROJECTOR
JP 08248377 A
                              JPO
                                         LIQUID CRYSTAL PROJECTOR
JP 10142689 A
                              JPO
                                         LIQUID CRYSTAL PROJECTOR
                              JPO
                                         PROJECTION TYPE LIQUID CRYSTAL DISPLAY DEVICE AND LIQUID CRYSTAL PANEL
JP 10161255 A
                              JPO
                                         PROJECTION TYPE IMAGE DISPLAY DEVICE
JP 10312034 A
                              JPO
                                         COLOR LIQUID CRYSTAL PROJECTOR
JP 2000075245 A
US 4127322 A
                              USPAT
                                         High brightness full color image light valve projection system
                                                                                                                 353/31
                                                                                            348/751
US 4864390 A
                              USPAT
                                         Display system with equal path lengths
US 4873398 A
                              USPAT
                                         Flat panel display with integrated digitizing tablet
                                                                                                      178/18.07
US 4936656 A
                              USPAT
                                         Video projector
                                                                       349/8
US 4969730 A
                              USPAT
                                         Image projection arrangement
                                                                                  353/31
US 4989076 A
                              USPAT
                                         Video projection apparatus
                                                                                  348/751
US 4989954 A
                              USPAT
                                         Projection type liquid cyrstal display device
                                                                                            349/72
                                         Projection device
US 5028121 A
                              USPAT
                                                                       349/9
US 5042921 A
                              USPAT
                                         Liquid crystal display apparatus
                                                                                  349/9
                              USPAT
US 5053765 A
                                         Light guide type display apparatus
                                                                                            340/815.43
US 5084807 A
                              USPAT
                                         Illumination system for LCD projection television
                                                                                                      362/228
US 5098183 A
                              USPAT
                                                                                                                           353/31
                                         Dichroic optical elements for use in a projection type display apparatus
US 5105289 A
                              USPAT
                                         Reflection type electrooptical device and a projection type display
                                                                                                                                               349/180
                                                                                                         apparatus using the same
                              USPAT
                                         Electrically addressable liquid crystal projection system with high
US 5115305 A
                                                                                                         efficiency and light output
                                                                                                                                               348/751
                              USPAT
                                         Projection type liquid crystal display unit including orthogonal phase
                                                                                                                                     349/8
US 5157523 A
                                                                                                            plates
US 5170194 A
                              USPAT
                                         Reflection type liquid crystal valve and projector having the same
                                                                                                                 353/52
US 5172254 A
                              USPAT
                                         Projection-type liquid crystal display apparatus
                                                                                                      349/9
US 5181054 A
                              USPAT
                                         Device for the projection of images using two orthogonal components of
                                                                                                               light polarization
                                                                                                                                                353/20
                              USPAT
                                         Image projection apparatus
                                                                                  359/483
US 5184248 A
US 5200843 A
                              USPAT
                                         Polarized synthesization in projection type liquid crystal displays
                                                                                                                 349/9
                              USPAT
                                         Chiral smectic liquid crystal polarization interference filters
                                                                                                                 349/18
US 5231521 A
US 5231433 A
                              USPAT
                                         Reflecting illumination projecting device
                              USPAT
                                         Projection type display apparatus
                                                                                  353/31
US 5231431 A
US 5235444 A
                              USPAT
                                         Image projection arrangement
                                                                                  349/9
US 5237399 A
                              USPAT
                                         Liquid crystal color projection apparatus for modifying and projecting display images obtained from liquid crystal panels
          348/761
US 5243455 A
                              USPAT
                                         Chiral smectic liquid crystal polarization interference filters
US 5245453 A
                              USPAT
                                         Liquid crystal modulator having a photoconductor and/or a dielectric mirror composed of hydrogenated amorphous silicon
          carbide
                              349/27
US 5267029 A
                              USPAT
                                                                       348/751
                                         Image projector
US 5278680 A
                              USPAT
                                         Projection type liquid crystal display system and method of polarized
                                                                                                            light component projection
                                                                                                                                                349/9
US 5282121 A
                              USPAT
                                         High intensity lighting projectors
                                                                                  362/294
US 5283600 A
                              USPAT
                                         LCD projector
                                                                       353/34
US 5298986 A
                              USPAT
                                         Video projection apparatus
                                                                                 348/762
US 5300942 A
                              USPAT
                                         High efficiency light valve projection system with decreased perception of spaces between pixels and/or hines
                                                                                                                                               345/32
US 5317405 A
                              USPAT
                                         Display and image capture apparatus which enables eye contact
                                                                                                                 348/20
US 5347644 A
                              USPAT
                                         Three-dimensional image display device and systems and methods for
                                                                                                             implementation thereof
                                                                                                                                                359/465
US 5347433 A
                              USPAT
                                         Collimated beam of light and systems and methods for implementation
                                                                                                             thereof
                                                                                                                                     362/554
US 5357370 A
                              USPAT
                                         Polarizer and light valve image projector having the polarizer
                                                                                                                 359/495
US 5381197 A
                              USPAT
                                         Reflecting illumination projecting device
                                                                                            353/98
US 5382790 A
                              USPAT
                                         Illumination device having beam splitting polarization means
                                                                                                                 250/216
                                         Polarization illumination device and projector having the same
                              USPAT
US 5387953 A
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US 5396304 A
                              USPAT
                                         Slide projector mountable light valve display
                                                                                                      353/122
US 5400093 A
                              USPAT
                                         Image projection system with autofocusing
US 5410421 A
                              USPAT
                                         Optical separator of polarizations and application to a display system
                                                                                                                           359/15
US 5428469 A
                              USPAT
                                         Liquid crystal display projection systems employing polarizing beam
                                                                                                            splitters and passing light through display cell from
both directions
                              349/9
                                         Image projection apparatus with a autofocusing system
US 5434632 A
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US 5444557 A
                              USPAT
                                         Single crystal silicon arrayed devices for projection displays
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US 5477351 A	USPAT	Polarization beam splitter and projection display apparatus  Polymer dispersed liquid crystal panel with diffraction grating and reflective counter electrode 349/5	
US 5485310 A	USPAT	Polymer dispersed liquid crystal panel with diffraction grating and reflective counter electrode 349/5  Linear polarization/conversion apparatus 359/495	
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US 5513023 A	USPAT	Polarizing beamsplitter for reflective light valve displays having opposing readout beams onto two opposing surfaces of the	
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US 5517263 A	USPAT	Image projection system and method of using same 353/31	
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US 5537303 A	USPAT	Single projection lens color projection system 348/757  Programmable rotatable gobo system 362/284	
	USPAT		
US 5537168 A	USPAT	Projection optical apparatus comprising automatic adjustment unit  353/101	
US 5544268 A	USPAT	Display panel with electrically-controlled waveguide-routing 385/4	
US 5570209 A		Color projection type display apparatus having three liquid crystal displays of same structure 349/5	
US 5579138 A	USPAT 349/96	Polarizer having a glass substrate with films on either side with different wavelength characteristics and projection dis	play
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US 5594563 A		High resolution subtractive color projection system  349/74	
US 5602679 A	USPAT	High efficiency light valve projection system 359/640	
US 5601351 A	USPAT	High-efficiency illumination device and image projection apparatus comprising such a device 353/20	
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US 5691886 A	USPAT	Programmable rotatable gobo system 362/283	
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US 5706063 A	USPAT	Optical system of a reflection LCD projector 349/9	
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US 5784181 A	USPAT		-
US 5786934 A	USPAT		
US 5786873 A	USPAT		
US 5791754 A		Efficient optical system for a high resolution projection display employing reflection light valves 348/756 Compact desktop projection display using three mirrors 353/78	
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US 5852479 A	USPAT	Color liquid crystal projector device 349/9	
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US 5889567 A	USPAT	Illumination system for color displays 349/62	
US 5894359 A	USPAT	Color filter and color display apparatus 359/15	
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US 5903388 A US 5909316 A	USPAT	High efficiency electromagnetic beam projector and systems and method for implementation thereof Single plate projection type color liquid crystal display device 359/619	359/497
US 5911018 A	USPAT	Low loss optical switch with inducible refractive index boundary and spaced output target	205/16
US 5911489 A	USPAT	Optical lighting system 353/98	, 385/16
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US 5914817 A	USPAT	Thin film dichroic color separation filters for color splitters in liquid crystal display systems	359/634
US 5917462 A	USPAT	Display apparatus 345/32	•
US 5920361 A	USPAT	Methods and apparatus for image projection 348/750	
US 5929946 A	USPAT	Retarder stack for preconditioning light for a modulator having modulation and isotropic states of polar	rization
349/18	LICDAT	Definition from Hamild amount of the Language and the Lan	40 (00
US 5933207 A US 5932354 A	USPAT USPAT	Reflective-type liquid crystal displays using mixed-mode twist nematic cells  Obliquely deposited film element 428/426	49/99
US 5946054 A	USPAT		48/745
US 5953083 A	USPAT	Retarder stacks for polarizing a first color spectrum along a first axis and a second color spectrum along	
349/18	001111	real der sales for positioning a more outer speculatiff at more axis and a second coror speculatiff atom	g a second axis
US 5956110 A	USPAT	Liquid crystal display panel and display device 349/118	
US 5959704 A	USPAT	Display device having diffraction grating 349/9	
US 5969785 A	UŚPAT	Reflective-type liquid crystal display using polarizer free mixed-mode twist nematic cells with dichroid	c dye 349/165
US 5973841 A	USPAT	Single-plate projection-type color liquid crystal display 359/618	•
US 5975703 A	USPAT	Image projection system 353/20	
US 5978136 A	USPAT USPAT		59/487
US 5982541 A US 5986815 A	USPAT	High efficiency projection displays having thin film polarizing beam-splitters 3.  Systems, methods and apparatus for improving the contrast ratio in reflective imaging systems utilizing	59/497 .
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US 5990996 A	USPAT	Color selective light modulators employing birefringent stacks 349/119	
US 5999240 A	USPAT	Optical retarder stack pair for transforming input light into polarization states having saturated color sp	ectra 349/119
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US 6040881 A	USPAT		49/8
US 6042237 A	USPAT		53/38
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US 6046858 A	USPAT	Light separation and recombination system for an off-axis projector 359/634	
US 6045228 A	USPAT	Optical modulation device and projector 353/20	
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US 6066860 A	USPAT	Substrate for electro-optical apparatus, electro-optical apparatus, method for driving electro-optical app	aratus, electronic
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